

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026675**Date Inspected:** 08-Nov-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI completed reviewing submittals 2561R1 and 2561R2 and noted that they appeared to be generally conforming to the contract requirements. TL-20 reports were written for these submittals. The QAI continued reviewing F.W.Spencer job site welding report submittals 2561 R3, R4 and R5 for conformance with the contract documents. The QAI also continued reviewing documents and compiling the weld status from submittal documentation. This work was in progress at the end of the shift. The QAI wrote a non-conforming incident report documenting that the contractor is approximately 182 days behind in submitting F.W.Spencer welding reports to the Engineer.

The QAI observed welding being performed at the warehouse on Pier 7. The QAI noted that Quality Control Inspector (QCI) Salvador Merino is present and monitoring the welding. The QAI was informed that this work is being performed to the approved Request for Information (RFI) 2620R0. The QAI noted that Jason Collins, ID 8128, is making the stainless steel to carbon steel fillet welds in accordance with welding procedure specification (WPS) ABF-WPS-D16-F1204. The QAI observed that outrigger #2 base pad is being welded at this time. The QAI was informed that the remaining parts will be welded at a later time and has not been scheduled yet. See the attached photos.

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Summary of Conversations:

The QAI relayed the status of the document reviews, non-conforming incident report and the RFI welding to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By: Croff, Scott

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer